

ATTORNEY DOCKET NO. 21087.0019U5
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
Stone et al.)	Art Unit: Unassigned
)	
Application No. 10/619,761)	Examiner: Unassigned
)	
Filing Date: July 14, 2003)	Confirmation No. Unassigned
)	
For: MACULAR DEGENERATION)	
DIAGNOSTICS AND THERAPEUTICS)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to Applicants and/or their attorneys. All of the documents listed were cited by or submitted to the Patent Office in Application No. 09/322,357, filed May 28, 1999, to which the present application claims priority. Pursuant to 37 C.F.R. § 1.98(d), copies of these documents are not enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

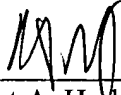
Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

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No fee is believed to be due; however, the Commissioner is hereby authorized to charge any fees which may be required or to credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

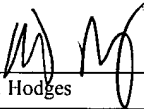


Robert A. Hodges
Registration No. 41,074

NEEDLE & ROSENBERG, P.C.
Customer Number 23859
(678) 420-9300
(678) 420-9301 (fax)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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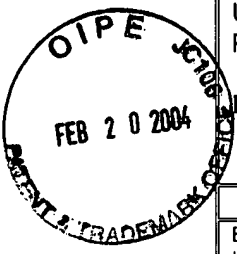


Robert A. Hodges

2/16/2004

Date

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF INFORMATION CITED BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/619,761
	Filing Date	July 14, 2003
	First Named Inventor	Stone
	Group Art Unit	Unassigned
	Examiner Name	Unassigned



U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	A1	WO 99/47655	09/23/99	Schmitt et al.	
	A2	WO 99/00410	01/07/99	Incyte Pharma, Inc.	
	A3	WO 97/26371	07/24/97	The University of Iowa Research Foundation	

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A4	Chang et al., "Cloning of a portion of the chromosomal gene and cDNA for human B-fordin, the nonerythroid form of B-spectrin." <i>Genomics</i> 17:287-293 (1993)
	A5	Choo et al., "Expression of Human Blood Clotting Factor IX In Transgenic Mice: Use of a cDNA with Complete mRNA Sequence." <i>Nucl. Acids Res.</i> 15(3):871-884 (1987)
	A6	Colon et al., "Notch 1 is Required for the Coordinate Segmentation Somites." <i>Development</i> 121:1533-1545 (1995)
	A7	Evans et al., "Clinical Characterization and Genetic Linkage analysis in Doyme's honeycomb Retinal degeneration." <i>Invest. Ophthalmol. Vis. Sci.</i> 36(4):890(1995), Database Biosis No. 98249743
	A8	GenBank Accession Number UO3877
	A9	Graff et al., "Fine Mapping of Best's Macular Dystrophy Localizes the Gene in Close Proximity to But Distinct From the D11S480 / ROM1 Loci." <i>Genomics</i> 24:425-434 (1994)
	A10	Gregory et al., "The gene responsible for autosomal dominant Doyme's honeycomb retinal dystrophy (DHRD) maps to chromosome 2p16." <i>Hum. Mol. Genet.</i> 5(7):1055-1059 (1996)
	A11	Heon et al., "Linkage of autosomal-dominant radial drusen (malattia leventinese) to chromosome 2p16-21." <i>Arch. Ophthalmol.</i> 114:193-198 (1996)
	A12	Ikegawa et al., "Structure and chromosomal assignment of the human S1-5 gene (FBNL) that is highly homologous to fibrillin." <i>Genomics</i> 35:590-592 (1996)
	A13	Kappel et al., "Regulating gene expression in transgenic animals." <i>Curr. Opin. Biotech.</i> 3:548-553 (1992)
	A14	Kilpatrick et al., "Delivery of Hammerhead Ribozyme Specifically Down-regulates the Production of Fibrillin -1 by Cultured Dermal Fibroblasts." <i>Hum. Mol. Genet.</i> 5(12):1939-1944 (1996)

	A15	Lecka-Czernik et al., "An overexpression gene transcript in senescent and quiescent human fibroblast encoding a novel protein in the epidermal growth factor-like repeat family stimulates DNA synthesis." <i>Mol. Cell. Biol.</i> 15:120-128 (1995)
	A16	Montgomery and Dietz, "Inhibition of Fibrillin 1 Expression Using U1 snRNA as a Vehicle for the Presentation of Antisense Targeting Sequence." <i>Hum. Mol. Genet.</i> 6(4):519-525 (1997)
	A17	Moreadith and Radford, "Gene Targeting in Embryonic Stem Cells: the new Physiology and Metabolism," <i>J. Mol. Med.</i> 75: 208-216 (1997)
	A18	Moreadith and Radford, "Perspectives Series: Molecular Medicine in Genetically Engineered Animals." <i>J. Clin. Invest.</i> 98(11):S37-S40 (Supplement 1996)
	A19	Mullins and Mullins, "Perspectives Series: Molecular Medicine in Genetically Engineered Animals." <i>J. Clin. Invest.</i> 98(11):S37-S40 (Supplement 1996)
	A20	Munier et al., "Malattia Levantine: exclusion of Known Disease Causing Gene Associated with Macular Dystrophies." <i>Am. J. Hum. Genet.</i> 57(4):33 (1995)
	A21	Partial International Search Report received on January 5, 2001
	A22	Rudinger, "Characteristics of the Amino Acids as Components of Peptide Hormone Sequence." <i>Peptide Hormones</i> , J. A. Parsons, ed., National Institute for Medical Research Mill Hill, London, University Park Press, Baltimore. London, Tokyo, pp. 5-7 (June 1976)
	A23	Seamark, "Progress and Emerging Problems in Livestock Transgenesis: a summary Perspective." <i>Reprod. Fertil. Dev.</i> 6:653-657
	A24	Small et al., "North Carolina macular dystrophy (MCDR1). A review and refined mapping to 6q14-q 16.2." <i>Ophthalmic Paedr. Genet.</i> 14(4):143-150 (1993)
	A25	Stone et al., "A single EFEMP1 mutation associated with both Malattia Leventinese and Doyme honeycomb retinal dystrophy." <i>Nat. Genet.</i> 22(2):199-202 (June 1999)
	A26	Viville, "Mouse Genetic Manipulation via Homologous Recombination." Huodebine (eds.), Harwood Academic Publishers, France pp. 307-321 (1997)
	A27	Wall, "Transgenic Livestock: Progress and Prospects for the Future." <i>Theriogenology</i> 45:57-68 (1996)
	A28	Weber, "Die agenetik der Makuladegenerationen." <i>Klinische Monatsblätter für Augenheilkunde</i> 210(1):9-17 (January 1, 1997)
	A29	Zhang et al., "Genetics and Molecular Studies of Macular Dystrophies: Recent Developments." <i>Surv. Ophthalmol.</i> 40(1):51-61 (1995)
Examiner Signature:		Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		